

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	"20060169304".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/16 17:15
S2	10	("20020007772"   "4466383"   "4617988"   "4814868"   "4864972"   "4996951"   "5591895"   "5658361"   "5873048"   "6325025").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/16 17:17
S3	1	S1 and tendency same content	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/16 17:19
S4	10	("20020007772"   "4466383"   "4617988"   "4814868"   "4864972"   "4996951"   "5591895"   "5658361"   "5873048"   "6325025").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/18 15:01
S5	0	S4 and correlat\$3 same parameter\$1	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/18 15:01
S6	1	"20060169304".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/19 13:07
S7	1	"20060169304".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/20 16:45
S8	1	S7 and heat same exchange same system	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/20 16:46
S9	0	S7 and different\$2 same locat\$4	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/20 16:46
S10	1	S7 and locat\$4	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/20 16:46
S11	1	S7 and sequen\$6	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/20 16:48
S12	10	("20020007772"   "4466383"   "4617988"   "4814868"   "4864972"   "4996951"   "5591895"   "5658361"   "5873048"   "6325025").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/21 11:36
S13	1	"20060169304".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/21 11:47
S14	1	S13 and different\$2	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/21 11:47
S15	11	S12 S13	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/21 11:56

S17	9	S15 and (before during after)	USPAT	OR	ON	2009/10/21 11:57
S18	0	S13 and associat\$4	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/21 12:30
S19	11815	{134/6,8,18,22,11,22,11,22,12,22,18,34,37,56r,58r,156 122/379,390,391,392}.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/21 13:09
S20	619	S19 and (measur\$3 measurement\$1 detect\$3 monitor\$3 analy\$3) same (partide\$1 particulate\$1 contamina\$3 debris dirt soot) same (during "same time" as while) same (clean\$4 remov\$3 treat\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/21 13:15
S21	113	S20 and ((heat near\$3 exchang\$3) boiler\$1 furnace\$1 stack\$1) same (clean\$4 treat\$4 remov\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/21 13:17
S22	87	S21 and (fouling deposit\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/21 13:19
S23	81	S21 and (fouling deposit\$3) same (clean\$4 treat\$4 remov\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/21 13:19
S24	34710	(measur\$3 measurement\$1 detect\$3 monitor\$3 analy\$3) and (partide\$1 particulate\$1 contamina\$3 debris dirt soot) and (during "same time" as while) and (clean\$4 remov\$3 treat\$4)	FPRS; EPO; JPO; DERWENT	OR	ON	2009/10/21 13:23
S25	9	S23 and (measur\$3 measurement\$1 detect\$3 monitor\$3 analy\$3) with (partide\$1 particulate\$1 contamina\$3 debris dirt soot) with (during "same time" as while) with (clean\$4 remov\$3 treat\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/21 13:24
S26	1113	S24 and ((heat near\$3 exchang\$3) boiler\$1 furnace\$1 stack\$1)	FPRS; EPO; JPO; DERWENT	OR	ON	2009/10/21 13:26
S28	131	S26 and (fouling deposit\$3)	FPRS; EPO; JPO; DERWENT	OR	ON	2009/10/21 13:26
S30	45	S28 and (exhaus\$3 vent\$3 stack\$1 flue)	FPRS; EPO; JPO; DERWENT	OR	ON	2009/10/21 13:28
S31	17	{"4454840"   "4466383"   "4475482"   "4488516"}.PN. OR ("4996951"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/21 13:32
S32	28	{"3753102"   "3813939"   "3859593"   "3927356"   "3944354"   "4041375"   "4063154"   "4117715"   "4179934"   "4363244"   "4388588"   "4512200"   "4607228"   "4631482"   "4714890"   "4904944"   "5022274"   "5054325"   "5055794"   "5095275"   "5287061"   "5396806"}.PN. OR ("5591895"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/21 13:32

S33	24	("4408568"   "4454840"   "4466383"   "4475482"   "4488516"   "4552098"   "4718376"   "4722610"   "4996951"   "5181482").PN. OR ("6325025").UPPN.	US-PGPUB; USPAT; USCOR	OR	ON	2009/10/21 13:32
S34	64	S31 S32 S33	US-PGPUB; USPAT; USCOR	OR	ON	2009/10/21 13:32
S35	15	S34 and (measur\$3 measurement\$1 detect\$3 monitor\$3 analy\$3) same (particle\$1 particulate\$1 contaminat\$3 debris dirt soot) same (during "same time" as while) same (clean\$4 remov\$3 treat\$4)	US-PGPUB; USPAT; USCOR	OR	ON	2009/10/21 13:33
S38	2	((((heat same exchang\$) boiler\$1 furnace\$1) and (exhaust\$3 vent\$3 stack\$1 flue) and (clean\$4 treat\$4 remov\$3) and (particle\$1 particulat\$2 contaminat\$3 debris dirt soot fouling deposit\$2) and (measur\$5 detect\$3 monitor\$3 analy\$3) and (memor\$3 comput\$3 cpu).cm. and (134/6,8,18,22,11,22,11,22,12,22,18,34,37,56r,156r,156r,122/379,390,391,392).ccls.	US-PGPUB	OR	ON	2009/10/21 13:43
S39	1	"20060169304".pn.	US-PGPUB; USPAT; USCOR	OR	ON	2010/04/16 14:51
S40	3	("4996951" "5591895" "6325025").PN.	US-PGPUB; USPAT; USCOR	OR	ON	2010/04/16 14:52
S41	0	S39 and means with control\$4	US-PGPUB; USPAT; USCOR	OR	ON	2010/04/16 14:53
S42	0	S39 and control\$4 with operat\$3	US-PGPUB; USPAT; USCOR	OR	ON	2010/04/16 14:54
S43	1	S39 and means	US-PGPUB; USPAT; USCOR	OR	ON	2010/04/16 14:54
S44	0	S39 and processor	US-PGPUB; USPAT; USCOR	OR	ON	2010/04/16 14:55
S45	1	S39 and (process\$3 comput\$3 memor\$3 control\$4)	US-PGPUB; USPAT; USCOR	OR	ON	2010/04/16 14:56
S46	3	S40 and (process\$3 comput\$3 memor\$3 control\$4)	US-PGPUB; USPAT; USCOR	OR	ON	2010/04/16 15:32
S47	1	S40 and (processor comput\$3 program\$4)	US-PGPUB; USPAT; USCOR	OR	ON	2010/04/16 15:33
S48	24	("4408568"   "4454840"   "4466383"   "4475482"   "4488516"   "4552098"   "4718376"   "4722610"   "4996951"   "5181482").PN. OR ("6325025").UPPN.	US-PGPUB; USPAT; USCOR	OR	ON	2010/04/16 16:08

S49	28	{ "3753102"   "3813939"   "3859593"   "3927356"   "3944354"   "4041375"   "4063154"   "4117715"   "4179934"   "4363244"   "4388588"   "4512200"   "4607228"   "4631482"   "4714890"   "4904944"   "5022274"   "5054325"   "5055794"   "5095275"   "5287061"   "5396806" }, PN. OR ("5591895"). UPPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/04/16 16:08
S50	17	{ "4454840"   "4466383"   "4475482"   "4488516" }, PN. OR ("4996951"). UPPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/04/16 16:08
S51	64	S48 S49 S50	US-PGPUB; USPAT; USOCR	OR	ON	2010/04/16 16:08
S52	15	S51 and (measur\$3 measurement\$1 detect\$3 monitor\$3 analy\$3) same (particle\$1 particulate\$1 contaminant\$3 debris dirt soot) same (during "same time" as while) same (clean\$4 remov\$3 treat\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2010/04/16 16:09
S53	2	{ (((heat same exchange\$) boiler\$1 furnace\$1) and (exhaust\$3 vent\$3 stack\$1 flue) and (clean\$4 treat\$4 remov\$3) and (particle\$1 particulate\$2 contaminant\$3 debris dirt soot fouling deposit\$2) and (measur\$5 detect\$3 monitor\$3 analy\$3) and (memor\$3 comput\$3 cpu).dm. and (134/6,8,18,22,11,22,11,22,12,22,18,34,37,56r,58r,156 122/379,390,391,392).ccls.	US-PGPUB	OR	ON	2010/04/16 16:10
S54	10	{ "20020007772"   "4466383"   "4617988"   "4814868"   "4864972"   "4996951"   "5591895"   "5658361"   "5873048"   "6325025" }, PN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/04/23 18:05
S55	1	"4718376".PN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/04/23 18:08
S56	0	S55 and (measur\$3 measurement\$1 detect\$3 monitor\$3 analy\$3) same (particle\$1 particulate\$1 contaminant\$3 debris dirt soot) same (during "same time" as while) same (clean\$4 remov\$3 treat\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2010/04/23 18:30
S57	0	S55 and (measur\$3 measurement\$1 detect\$3 monitor\$3 analy\$3) same (particle\$1 particulate\$1 contaminant\$3 debris dirt soot)	US-PGPUB; USPAT; USOCR	OR	ON	2010/04/23 18:31
S58	1	"6325025".PN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/04/23 18:31
S59	0	S58 and (measur\$3 measurement\$1 detect\$3 monitor\$3 analy\$3) same (particle\$1 particulate\$1 contaminant\$3 debris dirt soot) same (during "same time" as while) same (clean\$4 remov\$3 treat\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2010/04/23 18:31
S60	0	S58 and (measur\$3 measurement\$1 detect\$3 monitor\$3 analy\$3) same (particle\$1 particulate\$1 contaminant\$3 debris dirt soot)	US-PGPUB; USPAT; USOCR	OR	ON	2010/04/23 18:32

S61	2	((((heat same exchang\$) boiler\$1 furnace\$1) and (exhaust\$3 vent\$3 stack\$1 flue) and (clean\$4 treat\$4 remov\$3) and (particle\$1 particulat\$2 contamina\$3 debris dirt soot fouling deposit\$2) and (measur\$5 detect\$3 monitor\$3 analy\$3) and (memor\$3 comput\$3 cpu)).clm. and (134/6,8,18,22,11,22,11,22,12,22,18,34,37,56r,58r,156/122/379,390,391,392).ccls.	US-PGPUB	OR	ON	2010/04/23 18:32
S62	24	("4408568"   "4454840"   "4466383"   "4475482"   "4488516"   "4552098"   "4718376"   "4722610"   "4996951"   "5181482").PN. OR ("6325025").URPN.	US-PGPUB; USPAT; USCOR	OR	ON	2010/04/23 18:33
S63	28	("3753102"   "3813939"   "3859593"   "3927356"   "3944354"   "4041375"   "4063154"   "4117715"   "4179934"   "4363244"   "4388588"   "4512200"   "4607228"   "4631482"   "4714890"   "4904944"   "5022274"   "5054325"   "5055794"   "5095275"   "5287061"   "5396806").PN. OR ("5591895").URPN.	US-PGPUB; USPAT; USCOR	OR	ON	2010/04/23 18:33
S64	17	("4454840"   "4466383"   "4475482"   "4488516").PN. OR ("4996951").URPN.	US-PGPUB; USPAT; USCOR	OR	ON	2010/04/23 18:33
S65	64	S62 S63 S64	US-PGPUB; USPAT; USCOR	OR	ON	2010/04/23 18:33
S66	15	S65 and (measur\$3 measurement\$1 detect\$3 monitor\$3 analy\$3) same (particulate\$1 particulate\$1 contamina\$3 debris dirt soot) same (during "same time" as while) same (clean\$4 remov\$3 treat\$4)	US-PGPUB; USPAT; USCOR	OR	ON	2010/04/23 18:33
S67	12036	(134/6,8,18,22,11,22,11,22,12,22,18,34,37,56r,58r,156/122/379,390,391,392).ccls.	US-PGPUB; USPAT; USCOR	OR	ON	2010/04/23 18:44
S68	282	S67 and ((measur\$3 measurement\$1 detect\$3 monitor\$3 analy\$3) and (particulate\$1 particulate\$1 contamina\$3 debris dirt soot) and (during "same time" as while) and (clean\$4 remov\$3 treat\$4)).clm.	US-PGPUB; USPAT; USCOR	OR	ON	2010/04/23 18:44
S69	3	S68 and ((heat\$3 boil\$3 furnace\$1) and (exhaust\$3 vent\$3 stack\$1) and (memory cpu computer)).clm.	US-PGPUB; USPAT; USCOR	OR	ON	2010/04/23 18:46
S70	36054	(measur\$3 measurement\$1 detect\$3 monitor\$3 analy\$3) and (particulate\$1 particulate\$1 contamina\$3 debris dirt soot) and (during "same time" as while) and (clean\$4 remov\$3 treat\$4)	FPRS; EPO; JPO; DERWENT	OR	ON	2010/04/23 19:02
S71	1175	S70 and ((heat near\$3 exhang\$3) boiler\$1 furnace\$1 stack\$1)	FPRS; EPO; JPO; DERWENT	OR	ON	2010/04/23 19:02
S72	143	S71 and (fouling deposit\$3)	FPRS; EPO; JPO; DERWENT	OR	ON	2010/04/23 19:02

S73	50	S72 and (exhaus\$3 vent\$3 stack\$1 flue)	FPFS; EPO; JPO; DERWENT	OR	ON	2010/04/23 19:02
S74	50	S73 and (measur\$3 measurement\$1 deted\$3 monitor\$3 analy\$3) and (partide\$1 particulate\$1 contamina\$3 debris dirt soot) and (during "same time" as while) and (clean\$4 remov\$3 treat\$4)	FPFS; EPO; JPO; DERWENT	OR	ON	2010/04/23 19:03

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